GeForce® GTX 580 FTW Hydro Copper 2

Part Number: **015-P3-1589**

Introducing the fastest DirectX® 11 GPU, the EVGA GeForce® GTX 580. This card rips through the latest DirectX® 11 games with up to 8x the tessellation performance over competing GPUs, and with the preinstalled Hydro Copper 2 waterblock*, this card stays super cool. Experience a whole new level of interactive gaming with SLI® and combine up to three displays for the ultimate 3D gaming experience. With these features and more, the EVGA GeForce® GTX 580 does not just dominate the competition, **it obliterates it**.

*This card requires the other components needed to complete a watercooling system (pump, radiator, etc.).

SPECIFICATIONS

- Core Clock: 850 MHz
- Memory Clock: 4196 MHz Effective
- Shader Clock: 1700 MHz
- CUDA Cores: 512
- Bus Type: PCI-E 2.0
- Memory Detail: 1536MB GDDR5
- Memory Bit Width: 384 Bit
- Memory Speed: 0.4 ns
- Memory Bandwidth: 201.4 GB/sec
- Texture Fill Rate: 54.4 GT/s

KEY FEATURES

- Microsoft® DirectX® 11 Support
- NVIDIA® CUDA™ Technology with CUDA™ C/C++, DirectCompute 5.0 and OpenCL Support
- NVIDIA® PhysX® Technology
- NVIDIA® PureVideo™ HD Technology
- NVIDIA® 2-way, 3-way and 4-way SLI® Ready
- NVIDIA® 3D Vision Surround™ Ready
- PCI Express® 2.0 Support
- Two Dual-Link DVI-I HDCP Capable Connectors
- One Mini-HDMI 1.4a Connector
- OpenGL 4.1 Support

REQUIREMENTS

- 600 watt or greater power supply with a minimum of 42 amps on the +12 volt rail.
- PCI Express or PCI Express 2.0 compliant motherboard with one x16 graphics slot.
- One 6-pin PCI Express power connector or two available hard disk power connectors and one 8-pin PCI Express power connector or two available 6-pin PCI Express power connectors.
- Microsoft® Windows 7 / Vista / XP
- Other watercooling components needed to complete a watercooling system (pump, radiator, etc.)

EVGA Precision -

Monitor and control fan speeds, core clocks, temperatures, frame rates, take screenshots and more!
www.evga.com/precision/

24/7 Technical Support -

EVGA is here for you day or night to help answer any questions!
www.evga.com/support/

EVGA SoNet -

Follow EVGA on your favorite Social Networking sites like Facebook, Twitter, Steam, and the EVGA Gaming Community.
www.evga.com/sonet/

EVGA OC Scanner -

Built-in artifact scanning, benchmarking, and more, EVGA OC Scanner combined with Precision make the perfect combo.
www.evga.com/ocscanner/

EVGA GAMING -

If you live to game, this is the place for you! We have the best tournaments, prizes and game servers.
www.evga.com/gaming/

MODS RIGS -

$1k Sponsorships for every 200 posts. Come show off your rig and join in on one of the biggest things happening at EVGA.
www.evga.com/community/modsrigs/

DIMENSIONS/WEIGHT

- Height: 4.376in - 111.15mm
- Length: 10.5in – 266.7mm
- Weight: 3lbs

ACCESSORIES

- EVGA Driver/Software Disc with EVGA Precision Tuning Utility
- (1) Mini-HDMI to HDMI Adapter
- (1) DVI to VGA Adapter
- (1) 6 pin PCI-E Power Cable
- (1) 8 pin PCI-E Power Cable
- User Guide
- 1/2” High Flow Fittings (Barbs and Hose Clamps)
- 3/8” High Flow Fittings (Barbs and Hose Clamps)

PRODUCT WARRANTY

This product is covered under EVGA’s warranty which covers parts and labor. For more details on the warranty length and terms of this specific product, please visit **www.evga.com/warranty/**